THE UNITED STATES PATENT AND TRADEMARK OFFICE

METHOD OF DRUG LOADING IN LIPOSOMES BY GRADIENT



Applicant: Ning Hu et al.

Docket No.: 1992.007US1

Filed: November 26, 2003

Examiner: Unknown

Serial No.: 10/723,431

Due Date: N/A

Group Art Unit: 1615

Mail Stop Amendment

Commissioner for Patents

P.O. Box 1450

Title:

Alexandria, VA 22313-1450

We are transmitting herewith the following attached items (as indicated with an "X"):

- X A return postcard.
- X A Communication Concerning Related Applications (1 pg.).
- X An Information Disclosure Statement (2 pgs.), Form 1449 (4 pgs.), and copies of 41 cited documents.
- Copy of International Search Report from Corresponding Foreign Application No. PCT/US 03/37964 (11 pgs.).

Please charge any additional fees or credit overpayment to Deposit Account No. 19-0743.

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.

Customer Number 21186

Atty: Gary J. Speier

Reg. No. 45,458

<u>CERTIFICATE UNDER 37 CFR 1.8:</u> The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this <u>1</u> day of February, 2005.

Name

Signature

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.

(GENERAL)

S/N 10/723,431

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Ning Hu et al.

Examiner: Unknown

Serial No.:

10/723,431

Group Art Unit: 1615

Filed:

November 26, 2003

Docket: 1992.007US1

METHOD OF DRUG LOADING IN LIPOSOMES BY GRADIENT

Docket. 1992.00708

COMMUNICATION CONCERNING RELATED APPLICATIONS

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Applicants would like to bring to the Examiner's attention the following related applications in the above-identified patent application:

Serial/Patent No.

Filing Date

Attorney Docket

<u>Title</u>

10/723,423

November 26, 2003

1992.005US1

LIPOSOMAL FORMULATIONS

Respectfully submitted,

NING HU ET AL.

By Applicants' Representatives,

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.

P.O. Box 2938

Minneapolis, MN 55402

(612) 359-3261

Date •

2/7/or

By

Gary J. Speier

Reg. No. 45,458

<u>CERTIFICATE UNDER 37 CFR 1.8:</u> The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to:

Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this ______ day of <u>February</u>, 2005.

Name

Signature

PATENT S/N 10/723,431

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Ning Hu et al.

Examiner:

Unknown

Serial No.:

10/723,431

Group Art Unit:

1615

November 26, 2003

Docket:

1992.007US1

Se. Filea.

METHOD OF DRUG LOADING IN LIPOSOMES BY GRADIENT

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 et. seq., the enclosed materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicants respectfully request that this Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicants request that a copy of the 1449 form, initialed as being considered by the Examiner, be returned to the Applicants with the next official communication.

Pursuant to 37 C.F.R. §1.97(b), it is believed that no fee or statement is required with the Information Disclosure Statement. However, if an Office Action on the merits has been mailed, the Commissioner is hereby authorized to charge the required fees to Deposit Account No. 19-0743 in order to have this Information Disclosure Statement considered.

INFORMATION DISCLOSURE STATEMENT

Serial No:10/723,431

Filing Date: November 26, 2003

Title: METHOD OF DRUG LOADING IN LIPOSOMES BY GRADIENT

The Examiner is invited to contact the Applicants' Representative at the below-listed telephone number if there are any questions regarding this communication.

Pursuant to 37 C.F.R. 1.98(a)(2), Applicant believes that copies of cited U.S. Patents and Published Applications are no longer required to be provided to the Office. Notification of this change was provided in the United States Patent and Trademark Office OG Notices dated October 12, 2004. Thus, Applicant has not included copies of any US Patents or Published Applications cited with this submission. Should the Office require copies to be provided, Applicant respectfully requests that notice of such requirement be directed to Applicant's below-signed representative. Applicant acknowledges the requirement to submit copies of foreign patent documents and non-patent literature in accordance with 37 C.F.R. 1.98(a)(2).

Respectfully submitted, NING HU ET AL.

By their Representatives, SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A. P.O. Box 2938 Minneapolis, MN 55402

(612) 359-3261

Date 2/7/15

By Garage

Reg. No. 45,458

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this ______ day of February, 2005.

NILONE JAM

Signature

PTO/SB/08A/10-01)

Approved for use through 10/31/2002. OMB 651-0331

US Patent & Trademark Office. U.S. DEPARTMENT OF COMMERCE

the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Substitute for form 1449A/PTO INFORMATION DISCLOSURE 10/723,431 **Application Number** STATEMENT BY APPLICANT November 26, 2003 Filing Date e as many sheets as necessary) Hu, Ning **First Named Inventor** 1615 **Group Art Unit** Unknown **Examiner Name**

Attorney Docket No: 1992.007US1

	US PATENT DOCUMENTS				
Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Filing Date If Appropriate	
	US-3,993,754	11/23/1976	Rahman, Yueh-Erh , et al.	10/09/1974	
	US-4,145,410	03/20/1979	Sears, Barry D.	06/17/1997	
	US-4,224,179	09/23/1980	Schneider, Michel	09/23/1980	
	US-4,235,871	11/25/1980	Papahadjopoulos, Demetrios P., et al.	02/24/1978	
	US-4,522,803	06/11/1985	Lenk, Robert P., et al.	03/24/1983	
	US-4,588,578	05/13/1986	Fountain, Michael W., et al.	08/08/1983	
	US-4,753,788	06/28/1988	Gamble, Ronald C.	01/31/1985	
·	US-4,885,172	12/05/1989	Bally, M. B., et al.	12/15/1986	
*******	US-4,938,949	07/03/1990	Borch, Richard F., et al.	09/12/1988	
	US-4,946,683	08/07/1990	Forssen, Eric A.	08/04/1989	
,	US-5,077,056	12/31/1991	Bally, M. B., et al.	12/12/1988	
	US-5,316,771	05/31/1994	Barenholz, Yechezkel, et al.	12/18/1992	
	US-5,380,531	01/10/1995	Chakrabarti, Ajoy, et al.	06/02/1992	
· · · · · · · · · · · · · · · · · · ·	US-5,616,341	04/01/1997	Mayer, L. D., et al.	08/26/1993	
	US-5,795,589	08/18/1998	Mayer, Lawrence D., et al.	02/05/1997	
	US-5,814,335	09/29/1998	Webb, Murray S., et al.	09/17/1997	
	US-6,083,530	07/04/2000	Mayer, Lawrence D., et al.	05/26/1998	

Examiner	Foreign Document No	D. Hill - Al D. A.	Name of Patentee or Applicant of cited	T ²
Initials*		Publication Date	Document	<u> </u>
	EP-0290296A2	11/09/1988	Bally, M. B., et al.	
	EP-0546951A1	06/16/1993	Ostro, Marc J.	
	EP-0719546A1	07/03/1996	Bally, Marcel B., et al.	
	WO-0105372A2	01/25/2001	Abra, R. M., et al.	
	WO-03041682A3	05/22/2003	Webb, Murray, et al.	
	WO-8601102A1	02/27/1986	Bally, Marcel B., et al.	
	WO-8700238	01/15/1987	Rudham, Robert C., et al.	
	WO-9202244A1	02/20/1992	Chakrabarti, A., et al.	
	WO-9913816A2	03/25/1999	Moynihan, Karen L., et al.	

	OTHE	R DOCUMENTS NON PATENT LITERATURE DOCUMENTS	_
Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
		"International Search Report, for Application No. PCT/US 03/37964, date mailed July 5, 2004", 11 Pages	_
		ADLAKHA-HUTCHEON, G., et al., "Controlled destabilization of a liposomal drug delivery system enhances mitoxantrone antitumor activity", Nature Biotechnology, 17(8), (August 1999),775-779	

EXAMINER

DATE CONSIDERED

PTO/SB/08A/10-01)
Approved for use through 1031/2002. OMB 561-0031
US Paient & Txelemerk Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO	Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application Number	10/723,431	
(Use as many sheets as necessary)	Filing Date	November 26, 2003	
	First Named Inventor	Hu, Ning	
	Group Art Unit	1615	
	Examiner Name	Unknown	
Sheet 2 of 4	Attorney Docket No: 1	1992.007US1	

Cite Include name of the author (in CAPITAL LETTERS), tille of the article (when appropriate), tille of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(», volume-issue number(s), publisher, city and/or country where published. BANDAK, S., et al., "Pharmacological studies of cisplatin encapsulated in long-circulating liposomes in mouse tumor models", Anticancer Drugs, 10, (November 10, 1999),911-920 BANCHAM, A.D., "Diffusion of univalent ions across the lamellae of swollen phospholipids", Journal of Molecular Biology, 13(1), (August 1965),238-52 COL BERN, C. T., et al., "Antitumor activity of Herceptin in combination with STEALTH liposomal cisplatin or nonliposomal cisplatin in a HER2 positive human breast cancer model", Journal of Inorganic Biochemistry, 77(1-2), (October 1999),117-120 CRAMER, J. A., "NMR Studies of pH-Induced Transport of Carboxylic Acids Across Phospholipid Vesicle Membranes", Biochemical and Biophysical Research Communications, 75(2), (1977),295-301 DEAMER, DAVID W., et al., "Liposome Preparation: Methods and Mechanisms", Chapter 1- In: Liposomes by Marc Ostro, New York: M. Dekker, (1983),27-51 DEAMER, D. W., et al., "The response of fluorescent amines to pH gradients across liposome membranes", Biochimica et Biophysica Acta, 274(2), (August 9, 1972),323-35 DEMARIO, M. D., et al., "A Phase I Study of Liposome-Formulated Cisplatin (SPI-77 R) Given Every 3 Weeks in Patients With Advanced Cancer", Proceedings of ASCO, Vol. 17, http://www.asco.org/ac/1,1003,_12-002643-00_18-0031-00_19-006314,00.asp,(1998),Abstract 883 FORSSEN, E. A., "Improved therapeutic benefits of doxorubicin by entrapment in anionic liposomes", Cancer Research, 43(2), (February 1983),546-50 GABIZON, A., "Enhancement of adriamycin delivery to liver metastatic cells with increased tumoricidal effect using liposomes as drug carriers", Cancer Research, 43(10), (October 1983),4730-5 GABIZON, A., "Enhancement of adriamycin", Biochem Pharmacol., 33(4), (February 15, 1984),69		OTHE	R DOCUMENTS NON PATENT LITERATURE DOCUMENTS	
circulating liposomes in mouse tumor models", Anticancer Drugs, 10, (November 10, 1999),911-920 BANCHAM, A D., "Diffusion of univalent ions across the lamellae of swollen phospholipids", Journal of Molecular Biology, 13(1), (August 1965),238-52 COLBERN, C. T., et al., "Antitumor activity of Herceptin in combination with STEALTH liposomal cisplatin or nonliposomal cisplatin in a HER2 positive human breast cancer model", Journal of Inorganic Biochemistry, 77(1-2), (October 1999),117-120 CRAMER, J. A., "NMR Studies of pH-Induced Transport of Carboxylic Acids Across Phospholipid Vesicle Membranes", Biochemical and Biophysical Research Communications, 75(2), (1977),295-301 DEAMER, DAVID W., et al., "Liposome Preparation: Methods and Mechanisms", Chapter 1 - In: Liposomes by Marc Ostro, New York: M. Dekker,(1983),27-51 DEAMER, D W., et al., "The response of fluorescent amines to pH gradients across liposome membranes", Biochimica et Biophysica Acta, 274(2), (August 9, 1972),323-35 DEMARIO, M. D., et al., "A Phase I Study of Liposome-Formulated Cisplatin (SPI-77 R) Given Every 3 Weeks in Patients With Advanced Cancer", Proceedings of ASCO, Vol. 17, http://www.asco.org/ac/1,1003,_12-002643-00_18-0031-00_19-006314,00.asp,(1998),Abstract 883 FORSSEN, E. A., "Improved therapeutic benefits of doxorubicin by entrapment in anionic liposomes", Cancer Research, 43(2), (February 1983),546-50 GABIZON, A, "Enhancement of adriamycin delivery to liver metastatic cells with increased tumoricidal effect using liposomes as drug carriers", Cancer Research, 43(10), (October 1983),4730-5 GABIZON, A, "Liposomes as in vivo carriers of adriamycin: reduced cardiac uptake and preserved antitumor activity in mice", Cancer Research, 42(11), (November 1982),4734-9 GANAPATHI, R, "Effect of cholesterol content of liposomes on the encapsulation, efflux and toxicity of adriamycin", Biochem Pharmacol., 33(4), (February 15, 1984),698-700 HARRINGTON, K. J., et al., "Prevention of chronic doxorubicin cardiotoxicity in beagles by liposomal enc			(book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
BANGHAM, A D., "Diffusion of univalent ions across the lamellae of swollen phospholipids", Journal of Molecular Biology, 13(1), (August 1965),238-52 COLBERN, C. T., et al., "Antitumor activity of Herceptin in combination with STEALTH liposomal cisplatin or nonliposomal cisplatin in a HER2 positive human breast cancer model", Journal of Inorganic Biochemistry, 77(1-2), (October 1999),117-120 CRAMER, J. A., "NMR Studies of pH-Induced Transport of Carboxylic Acids Across Phospholipid Vesicle Membranes", Biochemical and Biophysical Research Communications, 75(2), (1977),295-301 DEAMER, DAVID W., et al., "Liposome Preparation: Methods and Mechanisms", Chapter 1 - In: Liposomes by Marc Ostro, New York: M. Dekker,(1983),27-51 DEAMER, D. W., et al., "The response of fluorescent amines to pH gradients across liposome membranes", Biochimica et Biophysica Acta, 274(2), (August 9, 1972),323-35 DEMARIO, M. D., et al., "A Phase I Study of Liposome-Formulated Cisplatin (SPI-77 R) Given Every 3 Weeks in Patients With Advanced Cancer", Proceedings of ASCO, Vol. 17, http://www.asco.org/ac/1,1003, 12-002643-00 18-0031-00 19-006314,00.asp,(1998),Abstract 883 FORSSEN, E. A., "Improved therapeutic benefits of doxorubicin by entrapment in anionic liposomes", Cancer Research, 43(2), (February 1983),546-50 GABIZON, A., "Enhancement of adriamycin delivery to liver metastatic cells with increased tumoricidal effect using liposomes as drug carriers", Cancer Research, 43(10), (October 1983),4730-5 GABIZON, A., "Inproved therapeutic benefits of doxorubicin by entrapment in anionic liposomes as in vivo carriers of adriamycin: reduced cardiac uptake and preserved antitumor activity in mice", Cancer Research, 42(11), (November 1982),4734-9 GANAPATHI, R, "Effect of cholesterol content of liposomes on the encapsulation, efflux and toxicity of adriamycin", Biochem Pharmacol., 33(4), (February 15, 1984),698-700 HARRINGTON, K. J., et al., "Phase I-II study of pegylated liposomal cisplatin (SPI-077) in patients with inoperable head and nec			BANDAK, S., et al., "Pharmacological studies of cisplatin encapsulated in long-	
BANGHAM, A D., "Diffusion of univalent ions across the lamellae of swollen phospholipids", Journal of Molecular Biology, 13(1), (August 1965),238-52 COLBERN, C. T., et al., "Antitumor activity of Herceptin in combination with STEALTH liposomal cisplatin or nonliposomal cisplatin in a HER2 positive human breast cancer model", Journal of Inorganic Biochemistry, 77(1-2), (October 1999),117-120 CRAMER, J. A., "NMR Studies of pH-Induced Transport of Carboxylic Acids Across Phospholipid Vesicle Membranes", Biochemical and Biophysical Research Communications, 75(2), (1977),295-301 DEAMER, DAVID W., et al., "Liposome Preparation: Methods and Mechanisms", Chapter 1 - In: Liposomes by Marc Ostro, New York: M. Dekker,(1983),27-51 DEAMER, DW., et al., "The response of fluorescent amines to pH gradients across liposome membranes", Biochimica et Biophysica Acta, 274(2), (August 9, 1972),323-35 DEMARIO, M. D., et al., "A Phase I Study of Liposome-Formulated Cisplatin (SPI-77 R) Given Every 3 Weeks in Patients With Advanced Cancer", Proceedings of ASCO, Vol. 17, http://www.asco.org/ac/1,1003,_12-002643-00_18-0031-00_19-006314,00.asp.(1998),Abstract 883 FORSSEN, E.A., "Improved therapeutic benefits of doxorubicin by entrapment in anionic liposomes", Cancer Research, 43(2), (February 1983),546-50 GABIZON, A, "Enhancement of adriamycin delivery to liver metastatic cells with increased tumoricidal effect using liposomes as drug carriers", Cancer Research, 43(10), (October 1983),4730-5 GABIZON, A, "Liposomes as in vivo carriers of adriamycin: reduced cardiac uptake and preserved antitumor activity in mice", Cancer Research, 42(11), (November 1982),4734-9 GANAPATHI, R, "Effect of cholesterol content of liposomes on the encapsulation, efflux and toxicity of adriamycin", Biochem Pharmacol., 33(4), (February 15, 1984),698-700 HARRINGTON, K. J., et al., "Phase I-II study of pegylated liposomal cisplatin (SPI-077) in patients with inoperable head and neck cancer", Annals of Oncology, 12(4), (April 2001),493-496 HERMAN, E. H.,				
phospholipids", Journal of Molecular Biology, 13(1), (August 1965),238-52 COLBERN, C. T., et al., "Antitumor activity of Herceptiin in combination with STEALTH liposomal cisplatin or nonliposomal cisplatin in a HER2 positive human breast cancer model", Journal of Inorganic Biochemistry, 77(1-2), (October 1999),117-120 CRAMER, J. A., "NMR Studies of pH-Induced Transport of Carboxylic Acids Across Phospholipid Vesicle Membranes", Biochemical and Biophysical Research Communications, 75(2), (1977),295-301 DEAMER, DAVID W., et al., "Liposome Preparation: Methods and Mechanisms", Chapter 1 - In: Liposomes by Marc Ostro, New York: M. Dekker,(1983),27-51 DEAMER, D. W., et al., "The response of fluorescent amines to pH gradients across liposome membranes", Biochimica et Biophysica Acta, 274(2), (August 9, 1972),323-35 DEMARIO, M. D., et al., "A Phase I Study of Liposome-Formulated Cisplatin (SPI-77 R) Given Every 3 Weeks in Patients With Advanced Cancer", Proceedings of ASCO, Vol. 17, http://www.asco.org/ac/1,1003_12-002643-00 18-0031-00 19-006314,00.asp,(1998),Abstract 883 FORSSEN, E.A., "Improved therapeutic benefits of doxorubicin by entrapment in anionic liposomes", Cancer Research, 43(2), (February 1983),546-50 GABIZON, A., "Enhancement of adriamycin delivery to liver metastatic cells with increased tumoricidal effect using liposomes as drug carriers", Cancer Research, 43(10), (October 1983),4730-5 GABIZON, A., "Liposomes as in vivo carriers of adriamycin: reduced cardiac uptake and preserved antitumor activity in mice", Cancer Research, 42(11), (November 1982),4734-9 GANAPATHI, R., "Effect of cholesterol content of liposomes on the encapsulation, efflux and toxicity of adriamycin", Biochem Pharmacol., 33(4), (February 15, 1984),698-700 HARRINGTON, K. J., et al., "Phase I-II study of pegylated liposomal cisplatin (SPI-077) in patients with inoperable head and neck cancer", Annals of Oncology, 12(4), (April 2001),493-496 HERMAN, E. H., et al., "Prevention of chronic doxorubicin cardiotoxicity in beagles b			10, 1999),911-920	ļ
COLBERN, C. T., et al., "Antitumor activity of Herceptin in combination with STEALTH liposomal cisplatin or nonliposomal cisplatin in a HER2 positive human breast cancer model", Journal of Inorganic Biochemistry, 77(1-2), (October 1999),117-120 CRAMER, J. A., "NMR Studies of pH-Induced Transport of Carboxylic Acids Across Phospholipid Vesicle Membranes", Biochemical and Biophysical Research Communications, 75(2), (1977),295-301 DEAMER, DAVID W., et al., "Liposome Preparation: Methods and Mechanisms", Chapter 1 - In: Liposomes by Marc Ostro, New York : M. Dekker, (1983),27-51 DEAMER, D W., et al., "The response of fluorescent amines to pH gradients across liposome membranes", Biochimica et Biophysica Acta, 274(2), (August 9, 1972),323-35 DEMARIO, M. D., et al., "A Phase I Study of Liposome-Formulated Cisplatin (SPI-77 R) Given Every 3 Weeks in Patients With Advanced Cancer", Proceedings of ASCO, Vol. 17, http://www.asco.org/ac/1,1003,_12-002643-00_18-0031-00_19-006314,00.asp,(1998),Abstract 883 FORSSEN, E A., "Improved therapeutic benefits of doxorubicin by entrapment in anionic liposomes", Cancer Research, 43(2), (February 1983),546-50 GABIZON, A, "Enhancement of adriamycin delivery to liver metastatic cells with increased tumoricidal effect using liposomes as drug carriers", Cancer Research, 43(10), (October 1983),4730-5 GABIZON, A, "Liposomes as in vivo carriers of adriamycin: reduced cardiac uptake and preserved antitumor activity in mice", Cancer Research, 42(11), (November 1982),4734-9 GANAPATHI, R, "Effect of cholesterol content of liposomes on the encapsulation, efflux and toxicity of adriamycin", Biochem Pharmacol., 33(4), (February 15, 1984),698-700 HARRINGTON, K J., et al., "Phase I-II study of pegylated liposomal cisplatin (SPI-077) in patients with inoperable head and neck cancer", Annals of Oncology, 12(4), (April 2001),493-496 HERMAN, E H., et al., "Prevention of chronic doxorubicin cardiotoxicity in beagles by liposomal encapsulation", Cancer Research, 43(11), (November	-			
STEALTH liposomal cisplatin or nonliposomal cisplatin in a HER2 positive human breast cancer model", Journal of Inorganic Biochemistry, 77(1-2), (October 1999),117-120 CRAMER, J. A., "NMR Studies of pH-Induced Transport of Carboxylic Acids Across Phospholipid Vesicle Membranes", Biochemical and Biophysical Research Communications, 75(2), (1977),295-301 DEAMER, DAVID W., et al., "Liposome Preparation: Methods and Mechanisms", Chapter 1 - In: Liposomes by Marc Ostro, New York: M. Dekker,(1983),27-51 DEAMER, D.W., et al., "The response of fluorescent amines to pH gradients across liposome membranes", Biochimica et Biophysica Acta, 274(2), (August 9, 1972),323-35 DEMARIO, M. D., et al., "A Phase I Study of Liposome-Formulated Cisplatin (SPI-77 R) Given Every 3 Weeks in Patients With Advanced Cancer", Proceedings of ASCO, Vol. 17, http://www.asco.org/ac/1,1003_12-002643-00 18-0031-00 19-006314,00.asp.(1998),Abstract 883 FORSSEN, E.A., "Improved therapeutic benefits of doxorubicin by entrapment in anionic liposomes", Cancer Research, 43(2), (February 1983),546-50 GABIZON, A, "Enhancement of adriamycin delivery to liver metastatic cells with increased tumoricidal effect using liposomes as drug carriers", Cancer Research, 43(10), (October 1983),4730-5 GABIZON, A, "Liposomes as in vivo carriers of adriamycin: reduced cardiac uptake and preserved antitumor activity in mice", Cancer Research, 42(11), (November 1982),4734-9 GANAPATHI, R, "Effect of cholesterol content of liposomes on the encapsulation, efflux and toxicity of adriamycin", Biochem Pharmacol., 33(4), (February 15, 1984),698-700 HARRINGTON, K. J., et al., "Phase I-II study of pegylated liposomal cisplatin (SPI-077) in patients with inoperable head and neck cancer", Annals of Oncology, 12(4), (April 2001),493-496 HERMAN, E. H., et al., "Prevention of chronic doxorubicin cardiotoxicity in beagles by liposomal encapsulation", Cancer Research, 43(11), (November	_			
human breast cancer model", <u>Journal of Inorganic Biochemistry</u> , 77(1-2), (October 1999),117-120 CRAMER, J. A., "NMR Studies of pH-Induced Transport of Carboxylic Acids Across Phospholipid Vesicle Membranes", <u>Biochemical and Biophysical</u> Research Communications, 75(2), (1977),295-301 DEAMER, DAVID W., et al., "Liposome Preparation: Methods and Mechanisms", Chapter 1 - In: Liposomes by Marc Ostro, New York: M. Dekker,(1983),27-51 DEAMER, D.W., et al., "The response of fluorescent amines to pH gradients across liposome membranes", <u>Biochimica et Biophysica Acta, 274(2)</u> , (August 9, 1972),323-35 DEMARIO, M. D., et al., "A Phase I Study of Liposome-Formulated Cisplatin (SPI-77 R) Given Every 3 Weeks in Patients With Advanced Cancer", <u>Proceedings of ASCO, Vol. 17</u> , http://www.asco.org/ac/1,1003,_12-002643-00_18-0031-00_19-006314,00.asp,(1998),Abstract 883 FORSSEN, E.A., "Improved therapeutic benefits of doxorubicin by entrapment in anionic liposomes", <u>Cancer Research, 43(2)</u> , (February 1983),546-50 GABIZON, A, "Enhancement of adriamycin delivery to liver metastatic cells with increased tumoricidal effect using liposomes as drug carriers", <u>Cancer Research, 43(10)</u> , (October 1983),4730-5 GABIZON, A, "Liposomes as in vivo carriers of adriamycin: reduced cardiac uptake and preserved antitumor activity in mice", <u>Cancer Research, 42(11)</u> , (November 1982),4734-9 GANAPATHI, R, "Effect of cholesterol content of liposomes on the encapsulation, efflux and toxicity of adriamycin", <u>Biochem Pharmacol., 33(4)</u> , (February 15, 1984),698-700 HARRINGTON, K. J., et al., "Phase I-II study of pegylated liposomal cisplatin (SPI-077) in patients with inoperable head and neck cancer", <u>Annals of Oncology, 12(4)</u> , (April 2001),493-496 HERMAN, E H., et al., "Prevention of chronic doxorubicin cardiotoxicity in beagles by liposomal encapsulation", <u>Cancer Research, 43(11)</u> , (November				
(October 1999),117-120 CRAMER, J. A., "NMR Studies of pH-Induced Transport of Carboxylic Acids Across Phospholipid Vesicle Membranes", <u>Biochemical and Biophysical Research Communications</u> , 75(2), (1977),295-301 DEAMER, DAVID W., et al., "Liposome Preparation: Methods and Mechanisms", <u>Chapter 1 - In: Liposomes by Marc Ostro</u> , New York: M. Dekker, (1983),27-51 DEAMER, D.W., et al., "The response of fluorescent amines to pH gradients across liposome membranes", <u>Biochimica et Biophysica Acta</u> , 274(2), (August 9, 1972),323-35 DEMARIO, M. D., et al., "A Phase I Study of Liposome-Formulated Cisplatin (SPI-77 R) Given Every 3 Weeks in Patients With Advanced Cancer", <u>Proceedings of ASCO</u> , Vol. 17, http://www.asco.org/ac/1,1003,_12-002643-00_18-0031-00_19-006314,00.asp,(1998),Abstract 883 FORSSEN, E.A., "Improved therapeutic benefits of doxorubicin by entrapment in anionic liposomes", <u>Cancer Research</u> , 43(2), (February 1983),546-50 GABIZON, A., "Enhancement of adriamycin delivery to liver metastatic cells with increased tumoricidal effect using liposomes as drug carriers", <u>Cancer Research</u> , 43(10), (October 1983),4730-5 GABIZON, A., "Liposomes as in vivo carriers of adriamycin: reduced cardiac uptake and preserved antitumor activity in mice", <u>Cancer Research</u> , 42(11), (November 1982),4734-9 GANAPATHI, R., "Effect of cholesterol content of liposomes on the encapsulation, efflux and toxicity of adriamycin", <u>Biochem Pharmacol.</u> , 33(4), (February 15, 1984),698-700 HARRINGTON, K. J., et al., "Phase I-II study of pegylated liposomal cisplatin (SPI-077) in patients with inoperable head and neck cancer", <u>Annals of Oncology</u> , 12(4), (April 2001),493-496 HERMAN, E. H., et al., "Prevention of chronic doxorubicin cardiotoxicity in beagles by liposomal encapsulation", <u>Cancer Research</u> , 43(11), (November			STEALTH liposomal cisplatin or nonliposomal cisplatin in a HER2 positive	
CRAMER, J. A., "NMR Studies of pH-Induced Transport of Carboxylic Acids Across Phospholipid Vesicle Membranes", Biochemical and Biophysical Research Communications, 75(2), (1977),295-301 DEAMER, DAVID W., et al., "Liposome Preparation: Methods and Mechanisms", Chapter 1 - In: Liposomes by Marc Ostro, New York: M. Dekker,(1983),27-51 DEAMER, D W., et al., "The response of fluorescent amines to pH gradients across liposome membranes", Biochimica et Biophysica Acta, 274(2), (August 9, 1972),323-35 DEMARIO, M. D., et al., "A Phase I Study of Liposome-Formulated Cisplatin (SPI-77 R) Given Every 3 Weeks in Patients With Advanced Cancer", Proceedings of ASCO, Vol. 17, http://www.asco.org/ac/1,1003,_12-002643-00_18-0031-00_19-006314,00.asp,(1998),Abstract 883 FORSSEN, E A., "Improved therapeutic benefits of doxorubicin by entrapment in anionic liposomes", Cancer Research, 43(2), (February 1983),546-50 GABIZON, A, "Enhancement of adriamycin delivery to liver metastatic cells with increased tumoricidal effect using liposomes as drug carriers", Cancer Research, 43(10), (October 1983),4730-5 GABIZON, A, "Liposomes as in vivo carriers of adriamycin: reduced cardiac uptake and preserved antitumor activity in mice", Cancer Research, 42(11), (November 1982),4734-9 GANAPATHI, R, "Effect of cholesterol content of liposomes on the encapsulation, efflux and toxicity of adriamycin", Biochem Pharmacol., 33(4), (February 15, 1984),698-700 HARRINGTON, K. J., et al., "Phase I-II study of pegylated liposomal cisplatin (SPI-077) in patients with inoperable head and neck cancer", Annals of Oncology, 12(4), (April 2001),493-496 HERMAN, E H., et al., "Prevention of chronic doxorubicin cardiotoxicity in beagles by liposomal encapsulation", Cancer Research, 43(11), (November				
Across Phospholipid Vesicle Membranes", <u>Biochemical and Biophysical Research Communications</u> , 75(2), (1977),295-301 DEAMER, DAVID W., et al., "Liposome Preparation: Methods and Mechanisms", Chapter 1 - In: Liposomes by Marc Ostro, New York: M. Dekker.(1983),27-51 DEAMER, D W., et al., "The response of fluorescent amines to pH gradients across liposome membranes", <u>Biochimica et Biophysica Acta</u> , 274(2), (August 9, 1972),323-35 DEMARIO, M. D., et al., "A Phase I Study of Liposome-Formulated Cisplatin (SPI-77 R) Given Every 3 Weeks in Patients With Advanced Cancer", <u>Proceedings of ASCO, Vol. 17</u> , http://www.asco.org/ac/1,1003,_12-002643-00_18-0031-00_19-006314,00.asp.(1998),Abstract 883 FORSEN, E A., "Improved therapeutic benefits of doxorubicin by entrapment in anionic liposomes", <u>Cancer Research</u> , 43(2), (February 1983),546-50 GABIZON, A, "Enhancement of adriamycin delivery to liver metastatic cells with increased tumoricidal effect using liposomes as drug carriers", <u>Cancer Research</u> , 43(10), (October 1983),4730-5 GABIZON, A, "Liposomes as in vivo carriers of adriamycin: reduced cardiac uptake and preserved antitumor activity in mice", <u>Cancer Research</u> , 42(11), (November 1982),4734-9 GANAPATHI, R, "Effect of cholesterol content of liposomes on the encapsulation, efflux and toxicity of adriamycin", <u>Biochem Pharmacol.</u> , 33(4), (February 15, 1984),698-700 HARRINGTON, K. J., et al., "Phase I-II study of pegylated liposomal cisplatin (SPI-077) in patients with inoperable head and neck cancer", <u>Annals of Oncology</u> , 12(4), (April 2001),493-496 HERMAN, E H., et al., "Prevention of chronic doxorubicin cardiotoxicity in beagles by liposomal encapsulation", <u>Cancer Research</u> , 43(11), (November				
Research Communications, 75(2), (1977),295-301 DEAMER, DAVID W., et al., "Liposome Preparation: Methods and Mechanisms", Chapter 1 - In: Liposomes by Marc Ostro, New York: M. Dekker,(1983),27-51 DEAMER, D.W., et al., "The response of fluorescent amines to pH gradients across liposome membranes", Biochimica et Biophysica Acta, 274(2), (August 9, 1972),323-35 DEMARIO, M. D., et al., "A Phase I Study of Liposome-Formulated Cisplatin (SPI-77 R) Given Every 3 Weeks in Patients With Advanced Cancer", Proceedings of ASCO, Vol. 17, http://www.asco.org/ac/1,1003,_12-002643-00_18-0031-00_19-006314,00.asp,(1998),Abstract 883 FORSSEN, E.A., "Improved therapeutic benefits of doxorubicin by entrapment in anionic liposomes", Cancer Research, 43(2), (February 1983),546-50 GABIZON, A, "Enhancement of adriamycin delivery to liver metastatic cells with increased tumoricidal effect using liposomes as drug carriers", Cancer Research, 43(10), (October 1983),4730-5 GABIZON, A, "Liposomes as in vivo carriers of adriamycin: reduced cardiac uptake and preserved antitumor activity in mice", Cancer Research, 42(11), (November 1982),4734-9 GANAPATHI, R, "Effect of cholesterol content of liposomes on the encapsulation, efflux and toxicity of adriamycin", Biochem Pharmacol., 33(4), (February 15, 1984),698-700 HARRINGTON, K. J., et al., "Phase I-II study of pegylated liposomal cisplatin (SPI-077) in patients with inoperable head and neck cancer", Annals of Oncology, 12(4), (April 2001),493-496 HERMAN, E. H., et al., "Prevention of chronic doxorubicin cardiotoxicity in beagles by liposomal encapsulation", Cancer Research, 43(11), (November				
DEAMER, DAVID W., et al., "Liposome Preparation: Methods and Mechanisms", Chapter 1 - In: Liposomes by Marc Ostro, New York: M. Dekker,(1983),27-51 DEAMER, D W., et al., "The response of fluorescent amines to pH gradients across liposome membranes", Biochimica et Biophysica Acta, 274(2), (August 9, 1972),323-35 DEMARIO, M. D., et al., "A Phase I Study of Liposome-Formulated Cisplatin (SPI-77 R) Given Every 3 Weeks in Patients With Advanced Cancer", Proceedings of ASCO, Vol. 17, http://www.asco.org/ac/1,1003,_12-002643-00 18-0031-00 19-006314,00.asp,(1998),Abstract 883 FORSSEN, E A., "Improved therapeutic benefits of doxorubicin by entrapment in anionic liposomes", Cancer Research, 43(2), (February 1983),546-50 GABIZON, A, "Enhancement of adriamycin delivery to liver metastatic cells with increased tumoricidal effect using liposomes as drug carriers", Cancer Research, 43(10), (October 1983),4730-5 GABIZON, A, "Liposomes as in vivo carriers of adriamycin: reduced cardiac uptake and preserved antitumor activity in mice", Cancer Research, 42(11), (November 1982),4734-9 GANAPATHI, R, "Effect of cholesterol content of liposomes on the encapsulation, efflux and toxicity of adriamycin", Biochem Pharmacol., 33(4), (February 15, 1984),698-700 HARRINGTON, K. J., et al., "Phase I-II study of pegylated liposomal cisplatin (SPI-077) in patients with inoperable head and neck cancer", Annals of Oncology, 12(4), (April 2001),493-496 HERMAN, E. H., et al., "Prevention of chronic doxorubicin cardiotoxicity in beagles by liposomal encapsulation", Cancer Research, 43(11), (November				
Chapter 1 - In: Liposomes by Marc Ostro, New York: M. Dekker,(1983),27-51 DEAMER, D.W., et al., "The response of fluorescent amines to pH gradients across liposome membranes", Biochimica et Biophysica Acta, 274(2), (August 9, 1972),323-35 DEMARIO, M. D., et al., "A Phase I Study of Liposome-Formulated Cisplatin (SPI-77 R) Given Every 3 Weeks in Patients With Advanced Cancer", Proceedings of ASCO, Vol. 17, http://www.asco.org/ac/1,1003,_12-002643-00 18-0031-00 19-006314,00.asp,(1998),Abstract 883 FORSSEN, E.A., "Improved therapeutic benefits of doxorubicin by entrapment in anionic liposomes", Cancer Research, 43(2), (February 1983),546-50 GABIZON, A., "Enhancement of adriamycin delivery to liver metastatic cells with increased tumoricidal effect using liposomes as drug carriers", Cancer Research, 43(10), (October 1983),4730-5 GABIZON, A., "Liposomes as in vivo carriers of adriamycin: reduced cardiac uptake and preserved antitumor activity in mice", Cancer Research, 42(11), (November 1982),4734-9 GANAPATHI, R., "Effect of cholesterol content of liposomes on the encapsulation, efflux and toxicity of adriamycin", Biochem Pharmacol., 33(4), (February 15, 1984),698-700 HARRINGTON, K. J., et al., "Phase I-II study of pegylated liposomal cisplatin (SPI-077) in patients with inoperable head and neck cancer", Annals of Oncology, 12(4), (April 2001),493-496 HERMAN, E. H., et al., "Prevention of chronic doxorubicin cardiotoxicity in beagles by liposomal encapsulation", Cancer Research, 43(11), (November			Research Communications, 75(2), (1977),295-301	
DEAMER, D.W., et al., "The response of fluorescent amines to pH gradients across liposome membranes", Biochimica et Biophysica Acta, 274(2), (August 9, 1972),323-35 DEMARIO, M. D., et al., "A Phase I Study of Liposome-Formulated Cisplatin (SPI-77 R) Given Every 3 Weeks in Patients With Advanced Cancer", Proceedings of ASCO, Vol. 17, http://www.asco.org/ac/1,1003,_12-002643-00_18-0031-00_19-006314,00.asp,(1998),Abstract 883 FORSSEN, E.A., "Improved therapeutic benefits of doxorubicin by entrapment in anionic liposomes", Cancer Research, 43(2), (February 1983),546-50 GABIZON, A, "Enhancement of adriamycin delivery to liver metastatic cells with increased tumoricidal effect using liposomes as drug carriers", Cancer Research, 43(10), (October 1983),4730-5 GABIZON, A, "Liposomes as in vivo carriers of adriamycin: reduced cardiac uptake and preserved antitumor activity in mice", Cancer Research, 42(11), (November 1982),4734-9 GANAPATHI, R, "Effect of cholesterol content of liposomes on the encapsulation, efflux and toxicity of adriamycin", Biochem Pharmacol., 33(4), (February 15, 1984),698-700 HARRINGTON, K. J., et al., "Phase I-II study of pegylated liposomal cisplatin (SPI-077) in patients with inoperable head and neck cancer", Annals of Oncology, 12(4), (April 2001),493-496 HERMAN, E. H., et al., "Prevention of chronic doxorubicin cardiotoxicity in beagles by liposomal encapsulation", Cancer Research, 43(11), (November			DEAMER, DAVID W., et al., "Liposome Preparation: Methods and Mechanisms",	
across liposome membranes", <u>Biochimica et Biophysica Acta, 274(2)</u> , (August 9, 1972),323-35 DEMARIO, M. D., et al., "A Phase I Study of Liposome-Formulated Cisplatin (SPI-77 R) Given Every 3 Weeks in Patients With Advanced Cancer", <u>Proceedings of ASCO, Vol. 17</u> , http://www.asco.org/ac/1,1003,_12-002643-00_18-0031-00_19-006314,00.asp,(1998),Abstract 883 FORSSEN, E.A., "Improved therapeutic benefits of doxorubicin by entrapment in anionic liposomes", <u>Cancer Research, 43(2)</u> , (February 1983),546-50 GABIZON, A, "Enhancement of adriamycin delivery to liver metastatic cells with increased tumoricidal effect using liposomes as drug carriers", <u>Cancer Research, 43(10)</u> , (October 1983),4730-5 GABIZON, A, "Liposomes as in vivo carriers of adriamycin: reduced cardiac uptake and preserved antitumor activity in mice", <u>Cancer Research, 42(11)</u> , (November 1982),4734-9 GANAPATHI, R, "Effect of cholesterol content of liposomes on the encapsulation, efflux and toxicity of adriamycin", <u>Biochem Pharmacol., 33(4)</u> , (February 15, 1984),698-700 HARRINGTON, K. J., et al., "Phase I-II study of pegylated liposomal cisplatin (SPI-077) in patients with inoperable head and neck cancer", <u>Annals of Oncology, 12(4)</u> , (April 2001),493-496 HERMAN, E. H., et al., "Prevention of chronic doxorubicin cardiotoxicity in beagles by liposomal encapsulation", <u>Cancer Research, 43(11)</u> , (November			Chapter 1 - In: Liposomes by Marc Ostro, New York: M. Dekker,(1983),27-51	
DEMARIO, M. D., et al., "A Phase I Study of Liposome-Formulated Cisplatin (SPI-77 R) Given Every 3 Weeks in Patients With Advanced Cancer", Proceedings of ASCO, Vol. 17, http://www.asco.org/ac/1,1003,_12-002643-00_18-0031-00_19-006314,00.asp,(1998),Abstract 883 FORSSEN, E A., "Improved therapeutic benefits of doxorubicin by entrapment in anionic liposomes", Cancer Research, 43(2), (February 1983),546-50 GABIZON, A, "Enhancement of adriamycin delivery to liver metastatic cells with increased tumoricidal effect using liposomes as drug carriers", Cancer Research, 43(10), (October 1983),4730-5 GABIZON, A, "Liposomes as in vivo carriers of adriamycin: reduced cardiac uptake and preserved antitumor activity in mice", Cancer Research, 42(11), (November 1982),4734-9 GANAPATHI, R, "Effect of cholesterol content of liposomes on the encapsulation, efflux and toxicity of adriamycin", Biochem Pharmacol., 33(4), (February 15, 1984),698-700 HARRINGTON, K. J., et al., "Phase I-II study of pegylated liposomal cisplatin (SPI-077) in patients with inoperable head and neck cancer", Annals of Oncology, 12(4), (April 2001),493-496 HERMAN, E H., et al., "Prevention of chronic doxorubicin cardiotoxicity in beagles by liposomal encapsulation", Cancer Research, 43(11), (November			DEAMER, D.W., et al., "The response of fluorescent amines to pH gradients	
DEMARIO, M. D., et al., "A Phase I Study of Liposome-Formulated Cisplatin (SPI-77 R) Given Every 3 Weeks in Patients With Advanced Cancer", Proceedings of ASCO, Vol. 17, http://www.asco.org/ac/1,1003,_12-002643-00 18-0031-00 19-006314,00.asp,(1998),Abstract 883 FORSSEN, E. A., "Improved therapeutic benefits of doxorubicin by entrapment in anionic liposomes", Cancer Research, 43(2), (February 1983),546-50 GABIZON, A, "Enhancement of adriamycin delivery to liver metastatic cells with increased tumoricidal effect using liposomes as drug carriers", Cancer Research, 43(10), (October 1983),4730-5 GABIZON, A, "Liposomes as in vivo carriers of adriamycin: reduced cardiac uptake and preserved antitumor activity in mice", Cancer Research, 42(11), (November 1982),4734-9 GANAPATHI, R, "Effect of cholesterol content of liposomes on the encapsulation, efflux and toxicity of adriamycin", Biochem Pharmacol., 33(4), (February 15, 1984),698-700 HARRINGTON, K. J., et al., "Phase I-II study of pegylated liposomal cisplatin (SPI-077) in patients with inoperable head and neck cancer", Annals of Oncology, 12(4), (April 2001),493-496 HERMAN, E. H., et al., "Prevention of chronic doxorubicin cardiotoxicity in beagles by liposomal encapsulation", Cancer Research, 43(11), (November			across liposome membranes", Biochimica et Biophysica Acta, 274(2), (August 9,	
(SPI-77 R) Given Every 3 Weeks in Patients With Advanced Cancer", Proceedings of ASCO, Vol. 17, http://www.asco.org/ac/1,1003,_12-002643-00_18-0031-00_19-006314,00.asp,(1998),Abstract 883 FORSSEN, E.A., "Improved therapeutic benefits of doxorubicin by entrapment in anionic liposomes", Cancer Research, 43(2), (February 1983),546-50 GABIZON, A., "Enhancement of adriamycin delivery to liver metastatic cells with increased tumoricidal effect using liposomes as drug carriers", Cancer Research, 43(10), (October 1983),4730-5 GABIZON, A., "Liposomes as in vivo carriers of adriamycin: reduced cardiac uptake and preserved antitumor activity in mice", Cancer Research, 42(11), (November 1982),4734-9 GANAPATHI, R., "Effect of cholesterol content of liposomes on the encapsulation, efflux and toxicity of adriamycin", Biochem Pharmacol., 33(4), (February 15, 1984),698-700 HARRINGTON, K. J., et al., "Phase I-II study of pegylated liposomal cisplatin (SPI-077) in patients with inoperable head and neck cancer", Annals of Oncology, 12(4), (April 2001),493-496 HERMAN, E.H., et al., "Prevention of chronic doxorubicin cardiotoxicity in beagles by liposomal encapsulation", Cancer Research, 43(11), (November			1972),323-35	
Proceedings of ASCO, Vol. 17, http://www.asco.org/ac/1,1003,_12-002643-00_18-0031-00_19-006314,00.asp,(1998),Abstract 883 FORSSEN, E.A., "Improved therapeutic benefits of doxorubicin by entrapment in anionic liposomes", Cancer Research, 43(2), (February 1983),546-50 GABIZON, A., "Enhancement of adriamycin delivery to liver metastatic cells with increased tumoricidal effect using liposomes as drug carriers", Cancer Research, 43(10), (October 1983),4730-5 GABIZON, A., "Liposomes as in vivo carriers of adriamycin: reduced cardiac uptake and preserved antitumor activity in mice", Cancer Research, 42(11), (November 1982),4734-9 GANAPATHI, R., "Effect of cholesterol content of liposomes on the encapsulation, efflux and toxicity of adriamycin", Biochem Pharmacol., 33(4), (February 15, 1984),698-700 HARRINGTON, K. J., et al., "Phase I-II study of pegylated liposomal cisplatin (SPI-077) in patients with inoperable head and neck cancer", Annals of Oncology, 12(4), (April 2001),493-496 HERMAN, E. H., et al., "Prevention of chronic doxorubicin cardiotoxicity in beagles by liposomal encapsulation", Cancer Research, 43(11), (November			DEMARIO, M. D., et al., "A Phase I Study of Liposome-Formulated Cisplatin	
00_18-0031-00_19-006314,00.asp,(1998),Abstract 883 FORSSEN, E.A., "Improved therapeutic benefits of doxorubicin by entrapment in anionic liposomes", Cancer Research, 43(2), (February 1983),546-50 GABIZON, A, "Enhancement of adriamycin delivery to liver metastatic cells with increased tumoricidal effect using liposomes as drug carriers", Cancer Research, 43(10), (October 1983),4730-5 GABIZON, A, "Liposomes as in vivo carriers of adriamycin: reduced cardiac uptake and preserved antitumor activity in mice", Cancer Research, 42(11), (November 1982),4734-9 GANAPATHI, R, "Effect of cholesterol content of liposomes on the encapsulation, efflux and toxicity of adriamycin", Biochem Pharmacol., 33(4), (February 15, 1984),698-700 HARRINGTON, K. J., et al., "Phase I-II study of pegylated liposomal cisplatin (SPI-077) in patients with inoperable head and neck cancer", Annals of Oncology, 12(4), (April 2001),493-496 HERMAN, E.H., et al., "Prevention of chronic doxorubicin cardiotoxicity in beagles by liposomal encapsulation", Cancer Research, 43(11), (November				
FORSSEN, E A., "Improved therapeutic benefits of doxorubicin by entrapment in anionic liposomes", Cancer Research, 43(2), (February 1983),546-50 GABIZON, A, "Enhancement of adriamycin delivery to liver metastatic cells with increased tumoricidal effect using liposomes as drug carriers", Cancer Research, 43(10), (October 1983),4730-5 GABIZON, A, "Liposomes as in vivo carriers of adriamycin: reduced cardiac uptake and preserved antitumor activity in mice", Cancer Research, 42(11), (November 1982),4734-9 GANAPATHI, R, "Effect of cholesterol content of liposomes on the encapsulation, efflux and toxicity of adriamycin", Biochem Pharmacol., 33(4), (February 15, 1984),698-700 HARRINGTON, K. J., et al., "Phase I-II study of pegylated liposomal cisplatin (SPI-077) in patients with inoperable head and neck cancer", Annals of Oncology, 12(4), (April 2001),493-496 HERMAN, E H., et al., "Prevention of chronic doxorubicin cardiotoxicity in beagles by liposomal encapsulation", Cancer Research, 43(11), (November			Proceedings of ASCO, Vol. 17, http://www.asco.org/ac/1,1003,_12-002643-	
in anionic liposomes", Cancer Research, 43(2), (February 1983),546-50 GABIZON, A, "Enhancement of adriamycin delivery to liver metastatic cells with increased tumoricidal effect using liposomes as drug carriers", Cancer Research, 43(10), (October 1983),4730-5 GABIZON, A, "Liposomes as in vivo carriers of adriamycin: reduced cardiac uptake and preserved antitumor activity in mice", Cancer Research, 42(11), (November 1982),4734-9 GANAPATHI, R, "Effect of cholesterol content of liposomes on the encapsulation, efflux and toxicity of adriamycin", Biochem Pharmacol., 33(4), (February 15, 1984),698-700 HARRINGTON, K. J., et al., "Phase I-II study of pegylated liposomal cisplatin (SPI-077) in patients with inoperable head and neck cancer", Annals of Oncology, 12(4), (April 2001),493-496 HERMAN, E H., et al., "Prevention of chronic doxorubicin cardiotoxicity in beagles by liposomal encapsulation", Cancer Research, 43(11), (November			00_18-0031-00_19-006314,00.asp,(1998),Abstract 883	
GABIZON, A , "Enhancement of adriamycin delivery to liver metastatic cells with increased tumoricidal effect using liposomes as drug carriers", Cancer Research, 43(10), (October 1983),4730-5 GABIZON, A , "Liposomes as in vivo carriers of adriamycin: reduced cardiac uptake and preserved antitumor activity in mice", Cancer Research, 42(11), (November 1982),4734-9 GANAPATHI, R , "Effect of cholesterol content of liposomes on the encapsulation, efflux and toxicity of adriamycin", Biochem Pharmacol., 33(4), (February 15, 1984),698-700 HARRINGTON, K. J., et al., "Phase I-II study of pegylated liposomal cisplatin (SPI-077) in patients with inoperable head and neck cancer", Annals of Oncology, 12(4), (April 2001),493-496 HERMAN, E H., et al., "Prevention of chronic doxorubicin cardiotoxicity in beagles by liposomal encapsulation", Cancer Research, 43(11), (November			FORSSEN, E A., "Improved therapeutic benefits of doxorubicin by entrapment	
increased tumoricidal effect using liposomes as drug carriers", Cancer Research, 43(10), (October 1983),4730-5 GABIZON, A, "Liposomes as in vivo carriers of adriamycin: reduced cardiac uptake and preserved antitumor activity in mice", Cancer Research, 42(11), (November 1982),4734-9 GANAPATHI, R, "Effect of cholesterol content of liposomes on the encapsulation, efflux and toxicity of adriamycin", Biochem Pharmacol., 33(4), (February 15, 1984),698-700 HARRINGTON, K. J., et al., "Phase I-II study of pegylated liposomal cisplatin (SPI-077) in patients with inoperable head and neck cancer", Annals of Oncology, 12(4), (April 2001),493-496 HERMAN, E H., et al., "Prevention of chronic doxorubicin cardiotoxicity in beagles by liposomal encapsulation", Cancer Research, 43(11), (November			in anionic liposomes", Cancer Research, 43(2), (February 1983),546-50	
43(10), (October 1983),4730-5 GABIZON, A, "Liposomes as in vivo carriers of adriamycin: reduced cardiac uptake and preserved antitumor activity in mice", Cancer Research, 42(11), (November 1982),4734-9 GANAPATHI, R, "Effect of cholesterol content of liposomes on the encapsulation, efflux and toxicity of adriamycin", Biochem Pharmacol., 33(4), (February 15, 1984),698-700 HARRINGTON, K. J., et al., "Phase I-II study of pegylated liposomal cisplatin (SPI-077) in patients with inoperable head and neck cancer", Annals of Oncology, 12(4), (April 2001),493-496 HERMAN, E H., et al., "Prevention of chronic doxorubicin cardiotoxicity in beagles by liposomal encapsulation", Cancer Research, 43(11), (November			GABIZON, A, "Enhancement of adriamycin delivery to liver metastatic cells with	
GABIZON, A, "Liposomes as in vivo carriers of adriamycin: reduced cardiac uptake and preserved antitumor activity in mice", Cancer Research, 42(11), (November 1982),4734-9 GANAPATHI, R, "Effect of cholesterol content of liposomes on the encapsulation, efflux and toxicity of adriamycin", Biochem Pharmacol., 33(4), (February 15, 1984),698-700 HARRINGTON, K. J., et al., "Phase I-II study of pegylated liposomal cisplatin (SPI-077) in patients with inoperable head and neck cancer", Annals of Oncology, 12(4), (April 2001),493-496 HERMAN, E H., et al., "Prevention of chronic doxorubicin cardiotoxicity in beagles by liposomal encapsulation", Cancer Research, 43(11), (November			increased tumoricidal effect using liposomes as drug carriers", Cancer Research,	
uptake and preserved antitumor activity in mice", Cancer Research, 42(11), (November 1982),4734-9 GANAPATHI, R, "Effect of cholesterol content of liposomes on the encapsulation, efflux and toxicity of adriamycin", Biochem Pharmacol., 33(4), (February 15, 1984),698-700 HARRINGTON, K. J., et al., "Phase I-II study of pegylated liposomal cisplatin (SPI-077) in patients with inoperable head and neck cancer", Annals of Oncology, 12(4), (April 2001),493-496 HERMAN, E H., et al., "Prevention of chronic doxorubicin cardiotoxicity in beagles by liposomal encapsulation", Cancer Research, 43(11), (November				
(November 1982),4734-9 GANAPATHI, R, "Effect of cholesterol content of liposomes on the encapsulation, efflux and toxicity of adriamycin", Biochem Pharmacol., 33(4), (February 15, 1984),698-700 HARRINGTON, K. J., et al., "Phase I-II study of pegylated liposomal cisplatin (SPI-077) in patients with inoperable head and neck cancer", Annals of Oncology, 12(4), (April 2001),493-496 HERMAN, E H., et al., "Prevention of chronic doxorubicin cardiotoxicity in beagles by liposomal encapsulation", Cancer Research, 43(11), (November				
GANAPATHI, R, "Effect of cholesterol content of liposomes on the encapsulation, efflux and toxicity of adriamycin", Biochem Pharmacol., 33(4), (February 15, 1984),698-700 HARRINGTON, K. J., et al., "Phase I-II study of pegylated liposomal cisplatin (SPI-077) in patients with inoperable head and neck cancer", Annals of Oncology, 12(4), (April 2001),493-496 HERMAN, E H., et al., "Prevention of chronic doxorubicin cardiotoxicity in beagles by liposomal encapsulation", Cancer Research, 43(11), (November			uptake and preserved antitumor activity in mice", Cancer Research, 42(11),	
encapsulation, efflux and toxicity of adriamycin", Biochem Pharmacol., 33(4), (February 15, 1984),698-700 HARRINGTON, K. J., et al., "Phase I-II study of pegylated liposomal cisplatin (SPI-077) in patients with inoperable head and neck cancer", Annals of Oncology, 12(4), (April 2001),493-496 HERMAN, E H., et al., "Prevention of chronic doxorubicin cardiotoxicity in beagles by liposomal encapsulation", Cancer Research, 43(11), (November				
(February 15, 1984),698-700 HARRINGTON, K. J., et al., "Phase I-II study of pegylated liposomal cisplatin (SPI-077) in patients with inoperable head and neck cancer", Annals of Oncology, 12(4), (April 2001),493-496 HERMAN, E H., et al., "Prevention of chronic doxorubicin cardiotoxicity in beagles by liposomal encapsulation", Cancer Research, 43(11), (November				
HARRINGTON, K. J., et al., "Phase I-II study of pegylated liposomal cisplatin (SPI-077) in patients with inoperable head and neck cancer", Annals of Oncology, 12(4), (April 2001),493-496 HERMAN, E H., et al., "Prevention of chronic doxorubicin cardiotoxicity in beagles by liposomal encapsulation", Cancer Research, 43(11), (November			encapsulation, efflux and toxicity of adriamycin", Biochem Pharmacol., 33(4).	
(SPI-077) in patients with inoperable head and neck cancer", Annals of Oncology, 12(4), (April 2001),493-496 HERMAN, E H., et al., "Prevention of chronic doxorubicin cardiotoxicity in beagles by liposomal encapsulation", Cancer Research, 43(11), (November				
Oncology, 12(4), (April 2001),493-496 HERMAN, E H., et al., "Prevention of chronic doxorubicin cardiotoxicity in beagles by liposomal encapsulation", Cancer Research, 43(11), (November				
HERMAN, E H., et al., "Prevention of chronic doxorubicin cardiotoxicity in beagles by liposomal encapsulation", Cancer Research, 43(11), (November				
beagles by liposomal encapsulation", Cancer Research, 43(11), (November				ļ
			HERMAN, E H., et al., "Prevention of chronic doxorubicin cardiotoxicity in	
1983),5427-32				
			1983),5427-32	

EXAMINER DATE CONSIDERED

Approved for use through 10/31/2002, OMB 651-0031
US Patent & Trademerk Office: U.S. DEPARTMENT OF COMMERCE
on of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO	Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application Number	10/723,431	
(Use as many sheets as necessary)	Filing Date	November 26, 2003	
	First Named Inventor	Hu, Ning	
	Group Art Unit	1615	
	Examiner Name	Unknown	
Sheet 3 of 4	Attorney Docket No: 1	1992.007US1	

	OTHE	R DOCUMENTS NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
		HONG, R L., et al., "Direct comparison of liposomal doxorubicin with or without	
		polyethylene glycol coating in C-26 tumor-bearing mice is surface coating with	
		polyethylene glycol beneficial?", Clinical Cancer Research, 5(11), (November	
		1999),3645-3652	
		LIM, H. J., et al., "Influence of drug release characteristics on the therapeutic	
		activity of liposomal mitoxantrone", The Journal of Pharmacology and	
		Experimental Therapeutics, 281(1), (April 1997),566-573	
		LOPEZ-BERESTEIN, G, et al., "Liposomal amphotericin B for the treatment of	
		systemic fungal infections in patients with cancer: a preliminary study", The	
		Journal of Infectious Diseases, 151(4), (April 1985),704-10	
		MEERUM TERWOGT, J. M., et al., "Phase I and pharmacokinetic study of SPI-	
		77, a liposomal encapsulated dosage form of cisplatin", Cancer Chemotherapy	
		and Pharmacology, 49(3), (March 2002),201-210	
		MINOW, ROBERT A., "Adriamycin (NSC-123127) Cardiomyopathy - An	
		Overview with Determination of Risk Factors", Cancer Chemother Reports, Part	
		3, 6(2), (October 1975),195-201	
		NEWMAN, M. S., et al., "Comparative pharmacokinetics, tissue distribution, and	
		therapeutic effectiveness of cisplatin encapsulated in long-circulating, pegylated	
		liposomes (SPI-077) in tumor-bearing mice", Cancer Chemotherapy and	
		Pharmacology, 43(1), Erratum in Cancer Chemotherapy and Pharmacology,	
		43(6), 524 (attached to downloaded document),(1999),1-7	-
		OLSON, F, "Characterization, toxicity and therapeutic efficacy of adriamycin	
		encapsulated in liposomes", European Journal of Cancer & Clinical Oncology,	
		18(2), (February 1982),167-76	-
		PAPAHADJOPOULOS, D, "Phospholipid model membranes. I. Structural	
		characteristics of hydrated liquid crystals", <u>Biochimica et Biophysica Acta</u> ,	
		135(4), (September 9, 1967),624-638	-
		RAHMAN, A, "Doxorubicin-induced chronic cardiotoxicity and its protection by	
		liposomal administration", Cancer Research, 42(5), (May 1982),1817-25	-
		RAHMAN, A, "Liposomal protection of adriamycin-induced cardiotoxicity in	
		mice", Cancer Research, 40(5), (May 1980),1532-7	-
		RAHMAN, A, "Pharmacological, toxicological, and therapeutic evaluation in	
		mice of doxorubicin entrapped in cardiolipin liposomes", Cancer Research,	
		45(2), (February 1985),796-803	-
		RICHARDSON, V, "Tissue distribution and tumour localization of 99m-	
		technetium-labelled liposomes in cancer patients", British Journal of Cancer,	
		40(1), (July 1979),35-43	
		ROSA, P, "Absorption and tissue distribution of doxorubicin entrapped in	
		liposomes following intravenous or intraperitoneal administration",	
		Pharmacology, 26(4), (1983),221-9	
	<u> </u>		

EXAMINER DATE CONSIDERED

PTO/SB/08A(10-01)
Approved for use through 10/31/2002, OMB 651-0031
US Patent & Tradement Office: U.S. DEPARTMENT OF COMMERCE
on of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO	Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application Number	10/723,431	
(Use as many sheets as necessary)	Filing Date	November 26, 2003	
	First Named Inventor	Hu, Ning	
	Group Art Unit	1615	
	Examiner Name	Unknown	
Sheet 4 of 4	Attorney Docket No: 1	1992.007US1	

	OTHE	R DOCUMENTS NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
		ROSA, P., et al., "Liposomes containg Doxorubicin - an example of drug	
		targeting", In: Transport in biomembranes : model systems and reconstitution	
		edited by Rezo Antolini, New York: Raven Press,(1982),243-256	<u> </u>
		RYMAN, BRENDA E., et al., "Liposomes: Further Considerations of their	
		possible role as carriers of therapeutic agents", In: Targeting of drugs edited by	
		Gregory Gregoriadis, New York: Plenum Press,(1982),235-248	
		SZOKA, F., "Comparative properties and methods of preparation of lipid	
		vesicles (liposomes).", Annual Review of Biophysics and Bioengineering, 9,	
		(1980),467-508	
		VEAL, G. J., et al., "A phase I study in paediatric patients to evaluate the safety	1
		and pharmacokinetics of SPI-77, a liposome encapsulated formulation of	
		cisplatin", British Journal of Cancer, 84(8), (April 2001),1029-1035	
		WORKING, P. K., et al., "Comparative intravenous toxicity of cisplatin solution	
		and cisplatin encapsulated in long-circulating, pegylated liposomes in	
		cynomolgus monkeys", Toxicological Sciences, 46(1), (November 1998),155-165	

EXAMINER DATE CONSIDERED